

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/493,692	JAVIDI ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Arnel C. Lavarias	2872	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 1/18/06,11/23/05.
2. ☒ The allowed claim(s) is/are 22,27-28,32-33,84-85 (renumbered 1-7).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|   | 9. <input type="checkbox"/> Other _____.   |

## **DETAILED ACTION**

### ***Drawings***

1. The replacement drawings for Figures 12A-12B were received on 11/23/05. These drawings are acceptable.

### ***Response to Arguments***

2. The declaration under 37 CFR 1.132 filed 11/23/05 is sufficient to overcome the rejection of Claims 22, 27-28, 32-33, 84-85 based upon 35 U.S.C. 102(a) over the reference to Javidi/Ahouzi in Section 13 of the Office Action dated 7/18/05. In view of this submission, the rejections in Section 13 of the Office Action dated 7/18/05 are respectfully withdrawn.

### ***Allowable Subject Matter***

3. Claims 22, 27-28, 32-33, 84-85 are allowed.

### ***Election/Restrictions***

4. It is noted that due to the amendments made to Claim 22 incorporating the subject matter of previous Claims 23, 29, 30, and 31 (See Applicants' response dated 1/18/05), pending Claims 22, 27-28, 32-33, 84-85 are now strictly drawn to Invention I, Species 1 (i.e. Figures 1 and 1A). In addition, Claims 22, 27-28, as currently presented, are no

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longer generic between Species 1 and 2 of Invention I, since the limitations presented in Claims 22, 27-28 are not readable on Species 2 (i.e. Figure 13).

5. This application is in condition for allowance except for the presence of Claims 34-83 directed to inventions and species non-elected without traverse. Accordingly, Claims 34-83 have been cancelled.

#### **EXAMINER'S AMENDMENT**

6. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

Cancel Claims 34-83.

7. The following is an examiner's statement of reasons for allowance:

Claim 22 is allowable over the cited art of record for at least the reason that the cited art of record fails to teach or reasonably suggest a system for verifying the authenticity of an object, as generally set forth in Claim 22, the system including, in combination with the features recited in Claim 22, a primary image disposed within the path of the first signal; a filter matched to a random code disposed within the path of the first signal; an imaging arrangement for imaging a first image comprising a convolution of the primary

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image and the random code; a second image provided by a collimated second signal and a reference signal; and a correlator in communication with the detector for generating a correlation signal from the joint power spectrum, the correlation being indicative of a correlation of the primary image and the reference image. Claims 27-28, 32-33, 84-85 are dependent on Claim 22, and hence are allowable for at least the same reasons Claim 22 is allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Arnel C. Lavarias whose telephone number is 571-272-2315. The examiner can normally be reached on M-F 9:30 AM - 6 PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Drew Dunn can be reached on 571-272-2312. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Arnel C. Lavarias  
Patent Examiner  
Group Art Unit 2872  
3/21/06

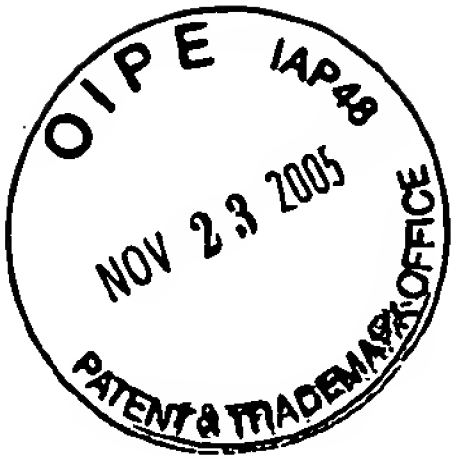


FIG. 12A

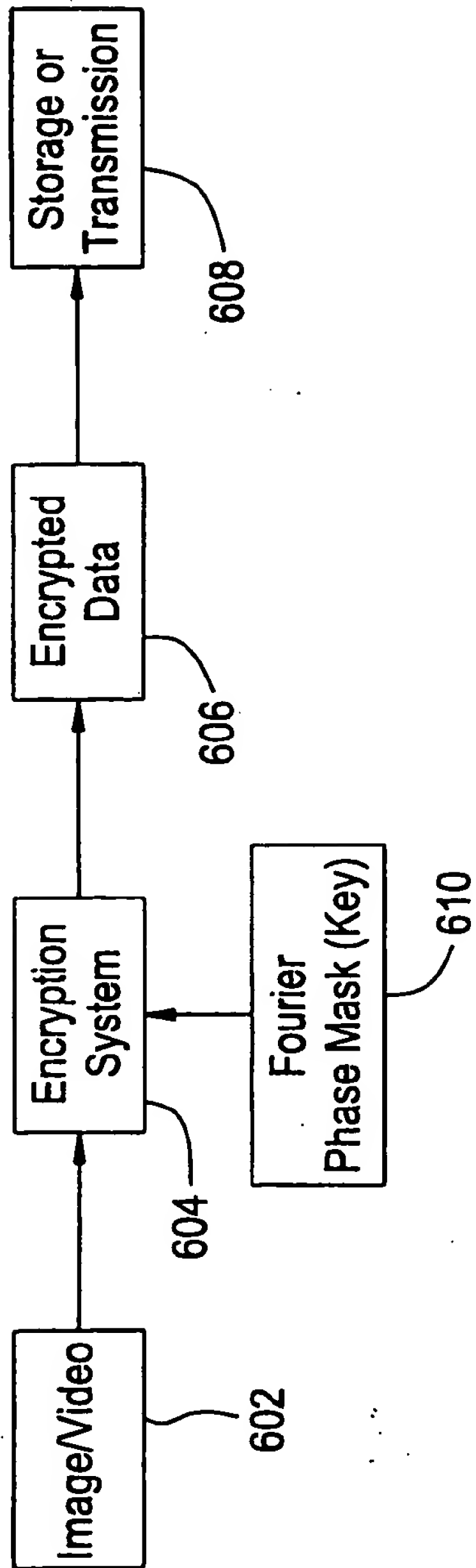
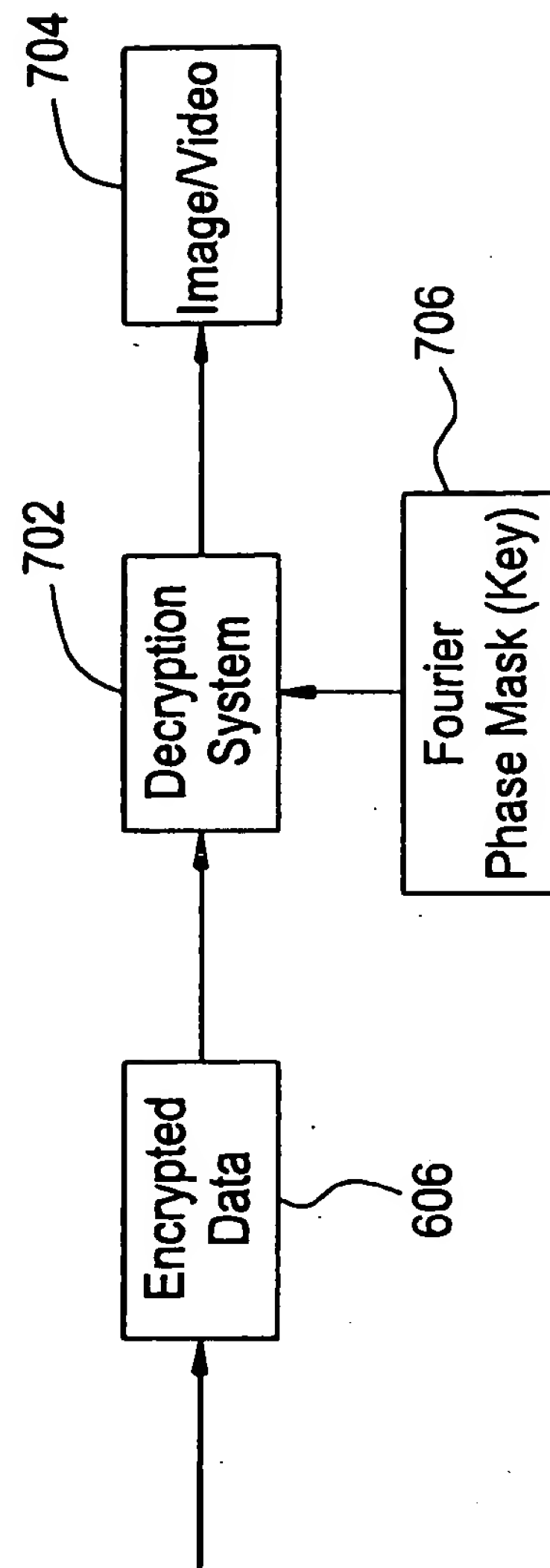


FIG. 12B



Drawing Changes  
Approved  
AC  
3/20/06